
Navy PDM

***a federated environment
for a collaborative Navy
enterprise***

What is PDM?

- A suite of functionality that in concert with other solutions provides an accurate and complete representation of an individual product through the lifecycle
 - Process centric
 - Data vault – data integrity
 - Workflow and lifecycle control
 - Multi - BOM management
 - Baselines, effectivity, ECP's,
 - Association of disparate data objects that relate to a common model
 - Moving to a more collaborative and proxy based solution (federation)
 - Create, collaborate and control

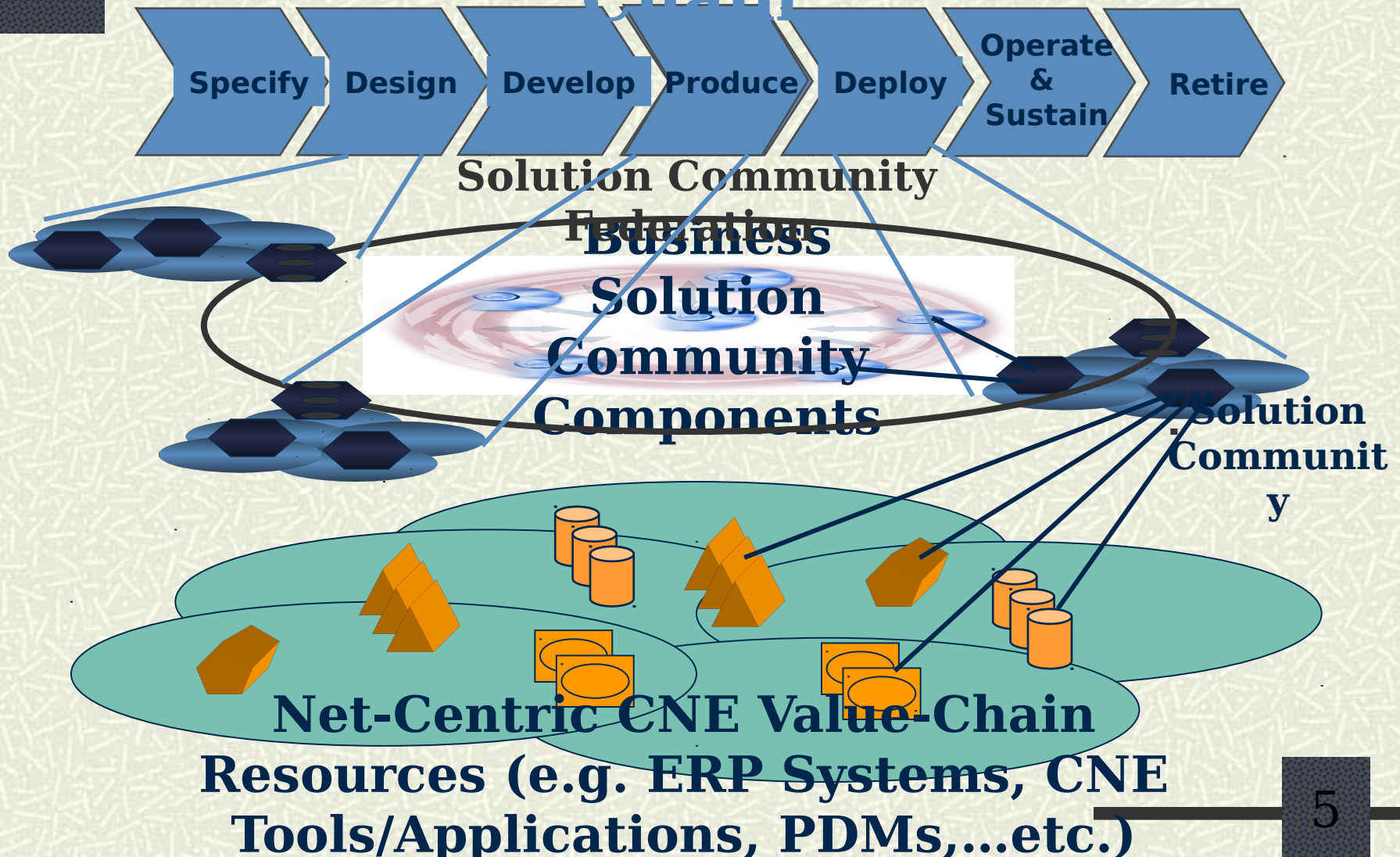
Federation and PDM?

- ✦ Support an rapid integration strategy that creates a taxonomy for problem resolution
- ✦ Define data relationships such that data integration defines knowledge
- ✦ Must be agile, robust, and re-useable
- ✦ Align engineers and the Product Design Lifecycle with the rest of the enterprise
- ✦ Support virtual enterprise process optimization
- ✦ Support collaboration and enterprise processes (visualization, documentation, ECP's, modernization programs etc)
- ✦ Modernize legacy data system functionality, supportability and accessibility

Benefits

- Integrate best of breed technologies to create a complete product data picture in a flexible and federated architecture
- Normalize and relate authoritative data with or without rehosting
- Define authoritative systems and eliminate data duplicity.
- Support the complete product data definition picture including configuration data, tech manuals, PMS, serial number tracking, 3M, drawings, ERP, etc.
- Provide enterprise stakeholders with virtual access across entire enterprise of assets and data including OEM data
- Provide the flexibility to implement business process reengineering within and outside of the Navy infrastructure

CNE Solution Vision: Federated Business Solution Communities



Business Impact

■ Customer Focus

- Improve the warfighters access to the right data and the right people to effect a solution
- Streamline processes for minimal cycle time, maximum efficiency and lowest cost

■ Concurrency

- Increased productivity and speed

■ Tools and processes are accessible worldwide and when needed

- Lower cost to implement
- Fast interchange of tools and processes across enterprise

■ Automated workflow and best practice templates

- Minimize data and process latency

■ Access to project information anywhere

- Accelerated globalization

■ Federated and secured document manager

- Individuals have access to information and can see the big picture